

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-46 (Cancelled)

Claim 47 (Previously presented) A process for obtaining a protein heterologous to yeast as a product of yeast expression, which process comprises:

(a) transforming a yeast organism with an expression vehicle comprising a promoter sequence for yeast alpha factor operably connected to a DNA sequence encoding a protein heterologous to the yeast organism;

(b) culturing the transformed organism; and

(c) recovering the protein from the culture.

Claim 48 (Previously presented) A process for obtaining a protein heterologous to yeast as a product of yeast expression, which process comprises:

(a) transforming a yeast organism with an expression vehicle comprising a DNA sequence encoding a pre-pro peptide of yeast alpha factor operably connected in translation reading frame to a DNA sequence encoding a protein heterologous to the yeast organism;

(b) culturing the transformed organism; and

(c) recovering the protein from the culture.

Claim 49 (Previously presented) A process for obtaining a protein heterologous to yeast as a product of yeast expression, processing and secretion, which process comprises:

- (a) transforming a yeast organism with an expression vehicle comprising a DNA sequence encoding a pre-pro peptide of yeast alpha factor operably connected in translation reading frame to a DNA sequence encoding a protein heterologous to the yeast organism;
- (b) culturing the transformed organism; and
- (c) recovering the protein from the culture.

Claim 50 (Previously presented) A process for secreting a protein heterologous to yeast into the supporting medium, which process comprises:

- (a) transforming a yeast organism with an expression vehicle comprising a DNA sequence encoding a pre-pro peptide of yeast alpha factor operably connected in translation reading frame to a DNA sequence encoding a protein heterologous to the yeast organism;
- (b) culturing the transformed organism; and
- (c) recovering the protein from the culture.

Claim 51 (Previously presented) The process of Claim 50, wherein said DNA sequences are under the control of the alpha factor promoter.

Claim 52 (Previously presented) A yeast expression vehicle comprising a DNA sequence of the promoter for yeast alpha factor operably connected to a DNA sequence encoding a protein heterologous to the yeast organism.

Claim 53 (Previously presented) The expression vehicle of Claim 52, further comprising a DNA sequence encoding a pre-pro peptide of yeast alpha factor operably linked in translation reading frame upstream to the DNA sequence encoding a mature protein heterologous to the yeast organism.

Claim 54 (Previously presented) A yeast expression vehicle comprising a DNA sequence encoding a pre-pro peptide of yeast alpha factor operably linked in translation reading frame to a DNA sequence encoding a mature protein heterologous to the yeast organism.

Claims 55-57 (Cancelled)

Claim 58 (Previously presented) A yeast organism transformed by the expression vehicle of Claim 52.

Claim 59 (Previously presented) A yeast organism transformed by the expression vehicle of Claim 53.

Claim 60 (Previously presented) A yeast organism transformed by the expression vehicle of Claim 54.

Claim 61 (Withdrawn) The protein produced by the process of Claim 47.

Claim 62 (Withdrawn) The protein produced by the process of Claim 48.

Claim 63 (Withdrawn) The protein produced by the process of Claim 49.

Claim 64 (Withdrawn) The protein produced by the process of Claim 50.